



County Conservation News

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Issue 4

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Fun Links

- Energy consumption data can be found on the [EIA](#) website
- For Energy Efficiency tips visit [Energy STAR](#)
- To learn the Energy Story, click [here](#)

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Energy Use in the County

In 2009, Lewis and Clark County building's energy usage totaled over **32.3 trillion BTUs** and we spent **\$516,277** on electric and gas bills! From the beginning of this year through August, the county has already used over **18.7 trillion BTUs** and spent **\$314,620**.

Here are some more interesting facts about Lewis and Clark County energy use:

- Comparing the first six months of 2009 to the first six months of 2010, overall county energy use is down 1.4%.
- Cooney Home, Health Center, and the Courthouse all decreased their energy consumption from 2009 to 2010.
- Courthouse lead the way, decreasing its energy consumption by 15.4%!
- City-County, Public Works, Fairgrounds, and the Law Enforcement Center all increased their energy consumption from 2009 to 2010.
- City-County building increased its energy consumption by 8.54%.
- Cooney Home uses about 25% of all the energy used by county buildings. City-County building uses about 22.7%. Together, Cooney and City-County use about 47.7% of all the energy consumed by the county.



2011 Energy Conservation Challenge

In an effort to reduce energy consumption, thereby saving tax dollars and decreasing greenhouse gas emissions, the Lewis and Clark County Green Team is proud to announce the **2011 Energy Conservation Challenge**.

The Challenge will begin in January and run through June. Winners will be determined by comparing energy data from the first six months of 2011 to the previous two years during the same time period. Buildings that are able to decrease their energy consumption by 10% will be awarded **prizes**. The size of the **prize** will be determined and funded by the energy savings from that building.



All county employees have the opportunity to participate in the 2011 Energy Conservation Challenge. Some buildings will be counted together, such as the Law Enforcement Center and Courthouse. Public Works will include L&C Co. landfill, Augusta jail, shop and transfer station, Lincoln jail, shop and transfer station, Wolf Creek shop, and Forestvale Cemetery. Parker Medical Clinic will be counted with the Health Center. All other buildings will be judged individually.

Where do we stand?

The baseline energy is calculated by taking the average energy use over the past two years. The number displayed is the baseline energy for January through June. The target is the maximum amount of energy a building can use while succeeding in the challenge. Remember, we use more energy during the winter months than in the summer months.

Building	Baseline 2009-2010 (kWh)	Target (Jan-June)
City-County	1,047,314.36	942,583.0
Cooney Home	1,169,178.68	1,052,260.8
Health Center	267,019.24	240,317.3
Public Works	493,755.21	444,379.7
Courthouse/LEC	943,723.59	849,351.2
Fairgrounds	753,932.84	678,539.6

Updates will be provided periodically in the County Conservation News.

Energy Saving Tips

Here are some energy saving tips that could help you win the challenge!

- When you leave work for the day, make sure you **turn off** your lights and computer.
- During the day, **use the sunlight** to help heat and light your office. But, don't forget to close the blinds at night and on the weekends. Windows release a tremendous amount of energy!
- If you have multiple light switches in your office, only turn on one. Always **turn off** your lights when you are not in your office.
- Use **electronic media** whenever possible. If you do need to print, use double sided printing (often found under print, properties).
- **Turn down** your thermostat a couple of degrees and wear warm clothes in the office.
- Use the **stairs** instead of the elevator.
- Google "energy saving tips" or "energy conservation tips" for more great tips.

